SAMSUNG

Digital Photo Frame MP3 JPG MPG USB

SPF-07H

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Digital Photo Frame

SPF-07H

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Safety Instructions

| Safety Symbols | Power | Installation | Use and Cleaning |

Safety Symbols

※ Make sure to keep the directions given below in order to prevent hazards and property damages by using the product correctly.

Warning	Identifies information about practices or circumstances that failure to following the accompanying directions may lead to serious personal injury or death.
Attention	Identifies information about practices or circumstances that failure to following the accompanying directions may lead to personal injury, or product malfunction.

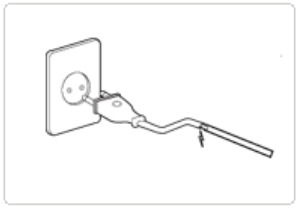
| Safety Symbols | Power | Installation | Use and Cleaning |

Power

Warning

Insert the power plug correctly until it is in place.

- Incorrect inserting may cause a fire.



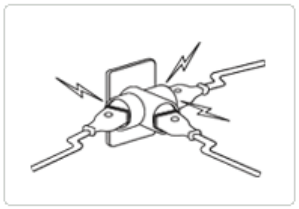
Do not use a damaged power plug or cord, or loose-fitting outlet.

- Otherwise, it may cause electric shock or a fire.

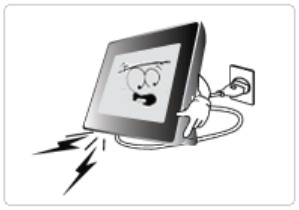
Never touch the power plug with wet hands.

- Otherwise, it may cause electric shock.

Do not connect several appliances to an outlet.



- Otherwise, overheating of an outlet may cause a fire.



Do not bend or pull the power cord forcibly. Do not place heavy stuff on it.

- Otherwise, it may cause electric shock or a fire.

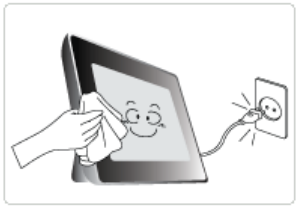
Make sure to turn the power off and disconnect the power plug from the outlet before moving the product. Make sure to disconnect other connection lines from other devices as well.

- If you move the product without disconnecting the power cord, it may be damaged during moving, which may cause electric shock or a fire.

Attention

Hold and pull out the power plug's body when disconnecting it from the outlet. Pulling the power cord out causes inner lines to break.

- Otherwise, it may cause a fire, or the product may not be turned on normally.



Ensure to disconnect the power plug before cleaning.

- Otherwise, it may cause electric shock or a fire.

No water should be dropped to inside the power adapter. It should not be wet with water.

- Otherwise, it may cause electric shock or a fire.
- It is highly recommended that you should not use the product outdoors in a snowy or rainy weather, or near waters.
- When cleaning floors with waters, be careful that the power adapter should not be wet.

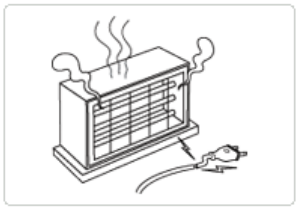
Do not place the power adapter near a heater.

- Otherwise, it may cause a fire.

Warning

When installing the product on a cabinet or shelf, do not let the front end of the product's bottom be projected out of its front edge.

- Otherwise, the product may fall, causing product malfunction or personal injury.



Do not place the power cord near a heat generating appliance.

- Otherwise, the covering of the power code may be melted, causing electric shock or a fire.

Do not install the product in a place exposed to oil, smoke, moisture, water, or rainwater, or in a car.

- Otherwise, inflowing of these materials into the product may cause electric shock or a fire.

Make sure to disconnect the power plug under a thunder or lightning condition.

- Otherwise, it may cause electric shock or a fire.

Attention

Place the product gently when installing.

- Otherwise, it may cause product damage or personal injury.

Be cautious the product should not be dropped when moving.

- Otherwise, it may cause product damage or personal injury.

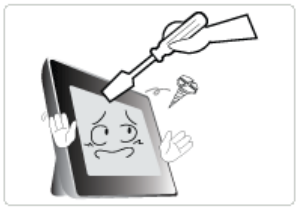
Do not install the product in a low place children can reach.

- Otherwise, the product may fall by children's touching and cause personal injury.

Warning

Do not insert metals such as a chopsticks, wire, or gimlet, or flammables such as a paper or match into the terminals at the back of the product.

- Otherwise, it may cause electric shock or a fire. If water or foreign materials enter the product, make sure to turn the product off and disconnect the power plug form the outlet, and then contact a **service center**.



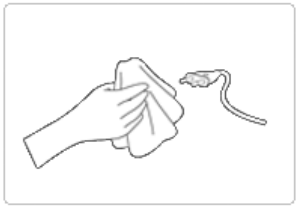
Never disassemble, repair, or modify the product arbitrarily.

- If you need to repair your product, contact a **service center**. Otherwise, it may cause electric shock or a fire.

Attention

If you hear strange sounds, smell something burning, or see smokes, disconnect the power plug immediately and contact a service center.

- Otherwise, it may cause electric shock or a fire.



Always clean up dust and water at the pins and connecting parts of the power plug.

- Otherwise, it may cause electric shock or a fire.

We recommend you contact a service center at least once a year for cleaning up the inside of the product.

- If dust remains inside the product for a long time, it may cause a fire or product malfunction.

When cleaning the product, disconnect first the power plug and cleanse it with a piece of soft and dry cloth.

- Do not use any chemicals such as wax, benzene, alcohol, thinner, mosquito repellant, aromatic, lubricant, or detergent.

If you do not use the product for a long time, make sure to disconnect the power plug.

- Heavy dust may generate heating or ignition, causing electric shock or a fire.

Be sure to contact an authorized service center when installing your set in a location with heavy dust, high or low temperatures, high humidity, and chemical substances, or where it will be operated for 24 hours continuously such as an airport, train station or etc.

- Failure to do so may cause serious damage to your set.

If you drop the product or the product casing is damaged, turn it off and

disconnect the power plug.

- If you use it without verification, it may cause electric shock or a fire. Please contact a **service center**.

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Digital Photo Frame
SPF-07H

Digital Photo Frame MP3 JPG MPG USB

SPF-07H

Overview

| Features | Components | Front Part | Back Part | Side (Buttons) | Side |

Features

01 **You can enjoy digital images without turning on your PC or printing images.**

02 **Expand memory capacity with a memory card. Enjoy stored images immediately.**

- By connecting a CF or SD/MMC memory card of your digital camera to your digital photo frame, you can enjoy the images taken with them on your Digital Photo Frame quickly and easily. It also provides a way to expand memory capacity of your digital photo frame.

03 **Stylish design**

- With its sleek and clean, high class design, your Digital Photo Frame can even be an ornament you can enjoy on a desk or table.
- A 90 degree rotating stand allowing both horizontal and vertical installations

| Features | Components | Front Part | Back Part | Side (Buttons) | Side |

Please check all components are contained in your delivered package.
If there is any one omitted, contact your local distributor where you purchased your product. If you want to an optional item, contact a **service center**.
Never use other power adapter than the adapter provided with the product.

Components

Digital Photo Frame

User Manual

Quick Start

Warranty

User Manual

Cables

Power cord

USB cable
(A-B type)

Power adapter

Cleaning cloth

Sold separately

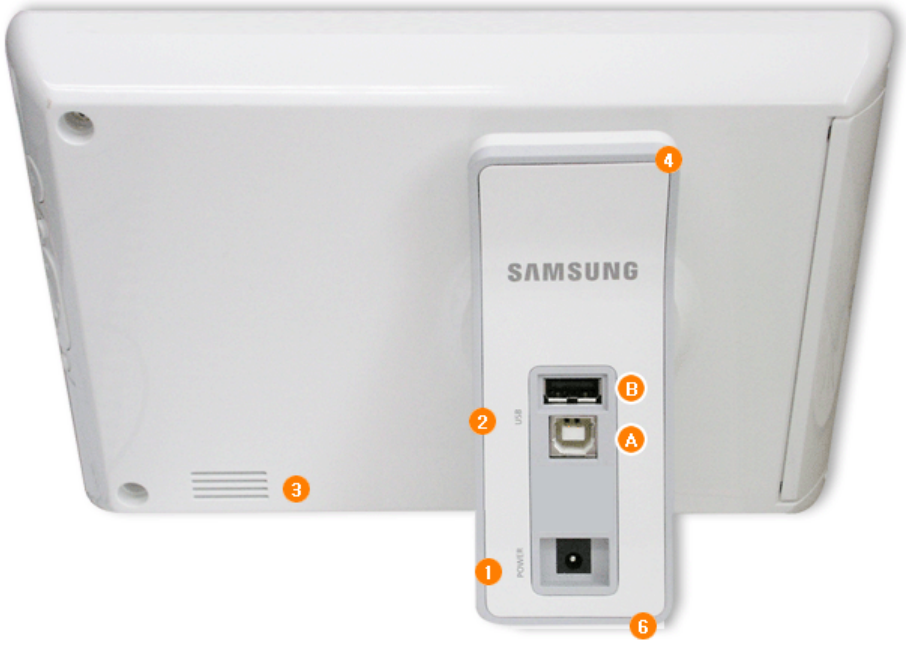
CF card SD/MMC card

Front Part

1	**Power Indicator**	Shows the status of power. When the product is powered on, it turns on with a light.

| Features | Components | Front Part | Back Part | Side (Buttons) | Side |

Back Part



1 **POWER**	Connect the power adapter to this jack. Connect the power cord to the power terminal of the power adapter.
2 **USB**	Connect a PC or an external device using a USB cable. A Up stream terminal — Connect your Digital Photo Frame to a PC's USB terminal using a USB cable. B Down stream terminal — Connect your Digital Photo Frame to a USB-supporting storage device using a USB cable. ※ Make sure to use the USB cable (A-B type) provided with the product when connecting your Digital Photo Frame to a PC through the up stream terminal.
3 **Speaker**	You can hear music files and movies without additional installation of a speaker.
4 **Stand**	A 90 degree rotating stand allows both horizontal and vertical installations. If your Digital Photo Frame is installed vertically, you can rotate your photos using the rotation function to fit to the vertical installation.
5 **Sliding Prevention Holder**	Supports the product so that it does not slip on a slippery place.

Side (Buttons)

1 **[⏻] Power Button**	Turns the product on or off.
2 **[MENU] Menu Button**	Displays the menu on the bottom center of the screen.
3 **[☼] Brightness Button** **[∧] Up Button**	Adjusts brightness when showing photos or playing back movies. Moves up the selected frame on the menu.
4 **[<] Left Button**	Moves to the left the selected frame on the menu.
5 **[>] Right Button**	Moves to the right the selected frame on the menu.
6 **[VOL] Volume Button** **[∨] Down Button**	Adjusts sound volume when playing music files or movies. Moves down the selected frame on the menu.

7 **[⏎] Select Button**	Selects a file to play back, a setting on the menu, or an item.
[SHOW] Slide Show Button	Files are displayed in thumbnails on the bottom of the screen during playback. To play a file, use the Right and Left buttons to move selection on the file and press this ⏎/SHOW button.

Side

1 **Memory Card Slot**	You can insert a CF card or SD/MMC card to this slot to view and use the content stored in them. Open the cover using the groove marked with **OPEN** and insert a card.
A **CF CARD**	You can insert a CF card to this slot to view and use the content stored in it. ※ You cannot use a CF card that is not formatted normally.
B **SD/MMC CARD**	You can insert a SD/MMC card to this slot to view and use the content stored in it. ※ More than 2-GB SD card is not supported. ※ MMC Plus card is not supported.

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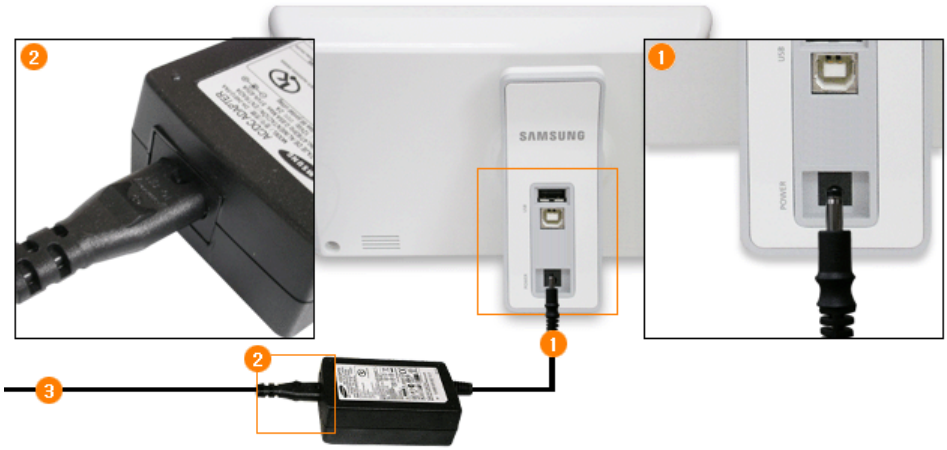
Digital Photo Frame MP3 JPG MPG USB

SPF-07H

Connecting

| Power | USB | Memory Card |

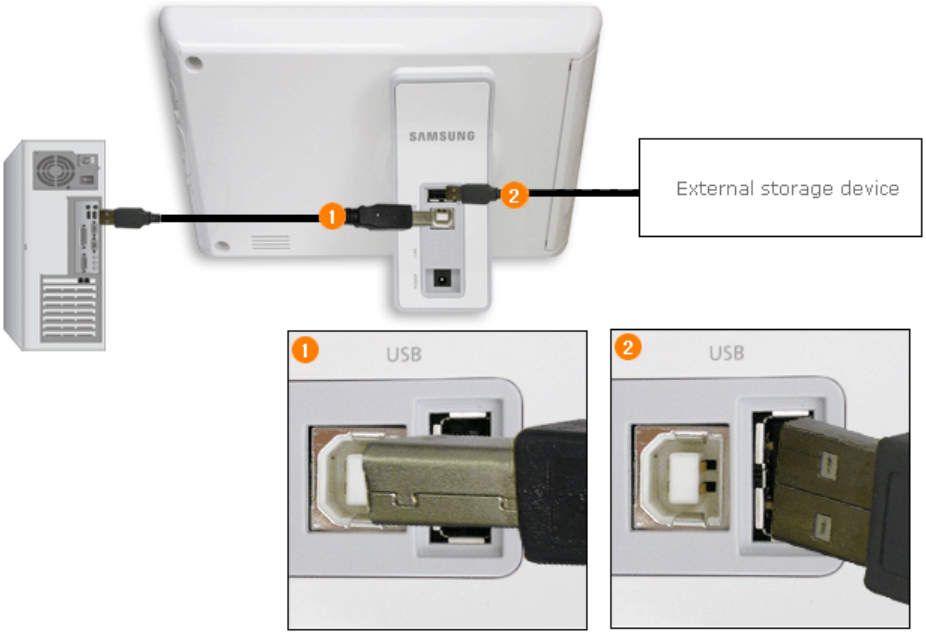
Connecting Power



1. Connect the power adapter to the **POWER** terminal at the back of the product.
2. Connect the power cord to the power adapter.
3. If all cables are connected, insert the power plug to a 220V outlet.
4. Press the ⏻ button at the right of the product to turn the product on.

| Power | USB | Memory Card |

Connecting USB



1 Up Stream Terminal — Used to connect your Digital Photo Frame to a PC.

※ When connecting your Digital Photo Frame to a PC through the up stream terminal, make sure to use the USB cable provided with the product.

2 Down Stream Terminal — Used to connect an external USB-supporting device to your Digital Photo Frame .

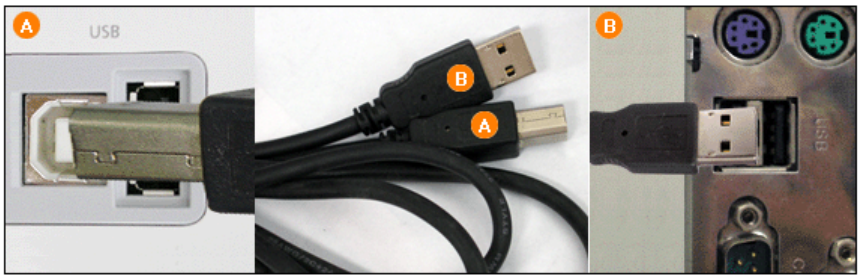
※ This product does not support USB card readers. Only USB storages are supported.

※ When connecting an external device to the down stream terminal, use the USB cable provided with the external device. (For more information on external devices and their cables, contact a service center for them.)

※ Samsung has no liability on external device malfunctions caused by using any cable except standard cables specified by each device.

※ Some external products provide a cable that does not meet USB standards. Hence, they may cause a malfunction.

※ If an external storage device does not work normally when connected to your Digital Photo Frame , try to connect it to your PC. If it still does not work normally when connected to your PC, contact a service center for that external device or your PC.



A Connect to the up stream terminal of your Digital Photo Frame .

B Connect a USB terminal of your PC.

| Power | USB | Memory Card |

Connecting Memory Card

1	**CF CARD**	Slide the card into in the direction marked on its top. To remove a memory card, press the button at the top of the card slot.
2	**SD/MMC CARD**	Slide the card into in the direction marked on its top.

※ If you remove the memory card during playback of MP3, movie, or photos, the product may not operate normally. In this case, turn off and on your product.

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Using

| Direct button | | | | |

Direct button

MENU

- The menu is hidden automatically after one minute.

Button	Description	Action/Stop
MENU (MENU button)	Shows the menu on the bottom center of the screen.	
	Pressing the menu button releases Volume/Brightness mode.	

∧ (Up button)

Button	Description	Action/Stop
∧ (Up button)	Moves up the selected frame on the menu.	

Operating Position	During Playback	Menu	(Bottom) Thumbnail
Play Mode	Volume Up (when the volume adjustment window is displayed) Brightness Up (when the brightness adjustment window is displayed)	Moves up.	-
Operating Position	**Contents List**	**Setting**	**Popup**
Sub menu of	Moves up	Moves up Adjust number	Moves up

∨(Down button)

Button	Description	Action/Stop
∨ (Down button)	Moves down the selected frame on the menu.	

Operating Position	During Playback	Menu	(Bottom) Thumbnail
Play Mode	Volume Down (when the volume adjustment window is displayed) Brightness Down (when the brightness adjustment window is displayed)	Moves down	-
Operating Position	**Contents List**	**Setting**	**Popup**
Sub menu of	Moves down	Moves down Adjust number	Moves down

<(Left button)

Button	Description	Action/Stop
〈 (Left button)	Moves to the left the selected frame on the menu.	

〉(Right button)

Button	Description	Action/Stop
〉 (Right button)	Moves to the right the selected frame on the menu.	

/ SHOW (Select / Slide Show button)

Button	Button Operation	Description
/ SHOW		

(Select / Slide Show button)	Basic operation	Selects a file to play back or a setting on the menu.

Operating Position	During Playback	Menu	(Bottom) Thumbnail
Play Mode	Shows/Hides the list of thumbnails on the bottom.	Select	Shows/Hides the list of thumbnails, or select a thumbnail.
Operating Position	**Contents List**	**Setting**	**Popup**
Sub menu of	Select and playback	Select	Select

| Direct button | | | | |

HOME

Replay

- If there is an existing content that was played back, it returns to that playback screen.

Contents List

- When a specific time passes, it returns to the clock screen.

Items	OSD	Description	Action/Stop
Media file type	All	Loads all files from the selected media.	
	Photo	Loads JPEG files from the selected media.	
	Music	Loads MP3 files from the selected media.	
	Movie	Loads MPEG4- and WMV9-compressed movie files from the selected media.	
List		List the selected media and files on the left and right menu, respectively.	
	Shows on the	Shows the selected file in an amber frame.	

	screen	If there no supported file in the connected media, "Not Contents Available." is displayed.	
Connected Storage Media	Inside Memory	Loads contents stored in the Inside Memory.	
	SD / MMC	Loads contents stored in a SD/MMC card.	
	CF	Loads contents stored in a CF card.	
	USB	Loads contents stored in the media connected via USB port.	

Connected Storage Media	List	Media File Types
Inside Memory	Shows the contents list that corresponds to the left and right menus.	All: Loads all files.
SD / MMC		Photo: Loads JPEG image files.
CF		Music: Loads MP3 files.
USB		Movie: Loads MPEG4- and WMV9-compressed movie files.

Setup

Upper Menu	Sub Menu	Detail Menu	Action/Stop
Replay	Speed & Effect	Replay Effect - Select an effect to give when displaying images on the screen. If Repeat One is selected for playback mode, only tiling effect is given during playback. 🔸 No Effect, Random, Fade-In/Out, Checkers, Blind, Move Replay Speed - Select the speed for displaying images. 🔸 Faster, Fast, Normal, Slow, Slower	
	Sound	Volume - Adjust volume from 0 to 100 levels. 🔸 0~100 Backgraound Music - Select a file to be used as background music. If background music is activated, the playback effect is fixed to fade-in/out. 🔸 Off, Memory, SD/MMC, CF, USB System Effect Sound - Activates or deactivates the sounds to be emitted according to product operations. 🔸 Off / On	
	Sound Effect	Dynamic Range Control - Each music file can have a different volume level. This functionality adjusts all music files to the same volume level automatically. 🔸 Off / On Stereo Effect - Enhances small mono sound to output a bright and clear sound. 🔸 Off / On	
	Picture Ratio	Select an aspect ratio for images to display. 🔸 Standard, Cinema, Full Screen	
	Replay Mode	Select whether to playback the files sequentially or in shuffle mode. If Repeat One is selected for playback mode, only tiling effect is given during playback. 🔸 Repeat All , Random, Repeat One	
		Information Display - Displays product status and other	

	Info. Display	information you select. 🔸 Replay Mode, BG Music, Number of Files, Server Cond., Date & Time, Weather Info, File Location	
	Auto Replay - Select whether to playback the Server contents automatically or not 🔸 Replay the content automatically.		
List	Layout	Select the number of thumbnails to display in the contents list. 🔸 3X2 Format, 6X4 Format	
	Arrangement	Select how to sort the thumbnails displayed in the list. 🔸 Standard	
Picture	Brightness - Adjust brightness from 0 to 100 levels. 🔸 0~100		
Time	Current Time	Date - Enter and set day, month, or year. Time - Enter and set hour, minutes, or AM/PM.	
	Alarm	Alarm - Check the "Alarm Available." option and set a time. Alarm will ring at the specified time. 🔸 Alarm Available. Alarm Sound - Select an alarm sound. 🔸 Alarm 1, Alarm 2, Alarm 3	
	Auto Power Off	Auto Power Off - Check the "Auto Power Off Available." and set a time. Your product will turn off at the specified time automatically. 🔸 Auto Power Off Available. Auto Power On - Check the "Auto Power On Available." and set a time. Your product will turn on at the specified time automatically. 🔸 Auto Power On Available.	
Language	Select Language - Select a language to use for your product. 🔸 English		
Reset	Reset - Reverts the product settings to factory defaults.		
Info	View the product information. Update the product using a USB memory stick. (**See Using>I want to update firmware.**) 🔸 Manufacturer, Model, Serial Number, Firmware Version 🔸 Update		

Clock

🔸 Shows the set time in full screen mode.

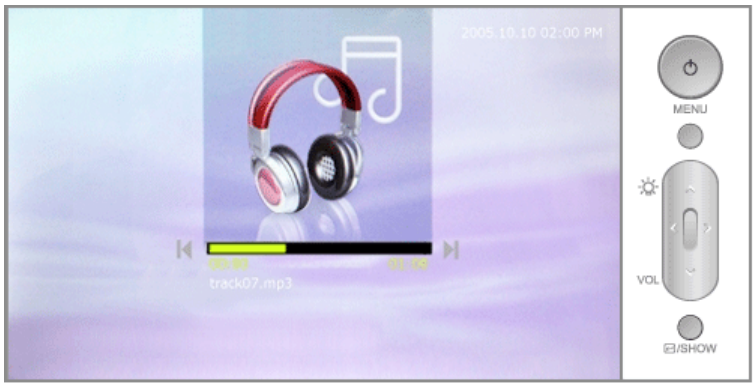
| Direct button |

Play Menu

OSD	Description
Play	Play back the file.
Stop	Return to the first of the slide show.
Previous File	Play the previous file in the contents list.
Next File	Play the next file in the contents list.

MENU : Stops the file being played back

MP3



OSD	Description	Action/Stop
Mode	Select a mode among Repeat All, Random, and Repeat One.	
Save	Save the file being played back in the selected location.	
Delete	Delete the file being played back.	
Info	Show the information on the file being played back.	

Photo (Image)

OSD	Description	Action/Stop
Speed	Select a mode among Faster, Fast, Normal, Slow, and Slower.	
Effect	Select an effect among No Effect, Random, Fade, Ceckers, Blind, and Move. .	

Rotation	Select one among 90 on Left, Standard, and 90 on Right. You can install your Digital Photo Frame vertically.	
Mode	Select a mode among Repeat All, Random, and Repeat One.	
Save	Save the file being displayed in the selected location.	
Delete	Delete the file being displayed.	
Info.	Show the information on the file being displayed.	

Movie

OSD	Description	Action/Stop
Mode	Select a mode among Repeat All, Random, and Repeat One.	
Save	Save the file being played back in the selected location.	
Delete	Delete the file being played back.	
Info.	Show the information on the file being played back.	

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Digital Photo Frame MP3 JPG MPG USB

SPF-07H

Applications

- I want to use contents through various connections.
- I want to set various times.
- I want to move to other screens.
- I want to display other information including time while my Digital Photo Frame is turned on.
- I want to update firmware.

I want to use contents through various connections.

※ If you connect a USB storage media or a CF/SD/MMC card to your Digital Photo Frame and turn it on, you are moved to the **Contents List** screen automatically and your Digital Photo Frame loads contents from the connected storage media and card.

Q1 Using a Device Connected via USB Port

01 Select **Contents List** of .

02 Select **USB**.

- Connect an external storage media and turn your Digital Photo Frame . It will loads contents from the external media automatically.
- It loads all files from the external storage media. The more files, the more time is required to list files in the **Contents List**.

Q2 Using SD/MMC/CF Card

01 Insert a memory card into the card slot in correct direction.

02 Select **Contents List** of .

03 Select **SD/MMC** or **CF** according to the type of the card you inserted.

- If you stop using an external memory and insert a memory card into the card slot, your Digital Photo Frame loads its contents automatically.
- Loading contents form a memory card may take a time.
- To remove a memory card, press the button at the top of the card slot.

Q3 Using Other Memory with a Card Adapter

※ Applicable to memories only that support a CF card adapter or SD card adepter.

※ No guarantee is provided for support for memory cards and adapters other than CF, SD, MMC, and USB.

01 Insert a memory card such as T-flash, Mini SD into the slot of the CF card adapter or SD card adapter.

02 Insert the memory adapter into the card slot in correct direction.

03 Select **Contents List** of .

04 Select **SD/MMC** or **CF** according to the type of the memory adapter you inserted.

I want to set various times.

01 Alarm

01 Select **Setup** of .

02 Select **Time>Alarm**.

03 Check the **Alarm Available.** and set an alarm time.

02 Auto Power Off

01 Select **Setup** of .

02 Select **Time >Auto Power Off**.

03 Check the **Auto Power Off/On** and set an On/Off time

I want to move to other screens.

01 Viewing Clock

01 Select **Clock** of .

02 Playback is stopped and a clock is displayed in full screen mode.

03 You can set the current time at the menu of **Setup>Time>Current Time.**.

※ This product doest not save time when its power plug is disconnected and then connected again. Therefore, you need to set time again. However, if you are connected to Server, time is automatically set or synchronized.

02 Returning to Playback Screen

01 Select the **Replay** of .

02 Playback resumes from the previous stop point.

03 Viewing Other Files

01 If you press the **/ SHOW** button during slide show, files are listed as sorted on the bottom of the screen.

02 Move selection to the desired file using the <,> buttons and select it using button.

I want to display other information including time while my Digital Photo Frame is turned on.

01 Configuring Information to Display

01 Select **Setup** of .

02 Select Show **Info.**.

03 Select all items you want to display among **Replay Mode, BG Music, Number of Files, Server Cond., Date & Time, Weather Info** and **File Location**.

I want to update firmware.

01 Preparations

01 Digital Photo Frame (SPL-07)
02 Firmware update file (M-BT07A4KR-1005.exe)
03 USB memory card or USB compatible external storage media

02 Connect USB memory card to PC

01 If you are ready, connect the USB memory card to your PC.
02 Copy the firmware update file you downloaded to the USB memory card.
※ (Make sure to copy the firmware update file to the root directory. ex) H:₩M-BT07A4KR-1005.exe)

03 Decompress the Firmware Update File

01 Double-click the M-BT07A4KR-1005.exe file. The 'firmware' directory will be created and these three files will be extracted in it.
- Samsung-M-BT07A4KR-1005.lst.sodi
- kernel-M-BT07A4KR-1005.img.sodi
- system-M-BT07A4KR-1005.img.sodi

※ For extraction of these files, the USB memory card must have about 30-MB free space.

04 Connect USB Memory Card to Digital Photo Frame

01 Remove the USB memory card from your PC, and connect it to your Digital Photo Frame.
※ If your Digital Photo Frame is off, turn it on.

05 Select Update

01 Select **Setup** of .
02 Select Product **Info**.
03 Select **Update**.
※ The USB memory card must remain connected during the update operation.

06 Updating

01 The update progression is displayed on the screen.
When the update finishes, your Digital Photo Frame will be restarted automatically.
02 After boot-up, turn your Digital Photo Frame off, remove the USB memory card, and turn your Digital Photo Frame on again, for maximum safety.
※ Do not remove the USB memory card during the update operation.
Do not press any key during the update operation.
Do not insert any other card during the update operation.
Do not turn your Digital Photo Frame off during the update operation.
You can identify whether the update operation has finished successfully or not by checking the firmware version of your Digital Photo Frame is changed to the version of the firmware update.

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Digital Photo Frame MP3 JPG MPG USB

SPF-07H

Specifications

| Specifications | Supported Files |

Specifications

Items		Specifications
Panel	Type	7" TFT/AUO
	Resolution	800 x 480
	Brightness	360 cd/m^2
	Contrast Ratio	300 : 1
	View Angle	40/60/60/60 (Up-Down/Right-Left)
	Interface	6 bit
Supported Formats		JPEG, MPEG4, WMV9
Built-in Memory		128 MB
Sound		1 W x 1 built-in speaker
USB		Version 2.0, 2 channels (One up stream (host) and one down stream (slave))
Media (Memory Card)		CF x 1, SD x 1
Power		External DC power adapter (12V, 2A, 24W)
Content Files FAT16,FAT32 (200 Characters)	Photo File	Slide show Run/Edit/Interval/Screen transformation effect/Sorting, Thumbnail View Recommended image resolution: 800*600 ~1600*1200 Max. image resolution: 3200*2400
	Music File	MP3
	Movie File	MPEG1, MPEG4, WMV9
Adjustment	I/O Device	Key (7 keys, 2-dimensional searching)
	Memory Card	MPV-based/Predefined Local Policy
	File Management	Copying photo files

※ **Product design may differ by model and specifications are subject to change without prior notice for product performance enhancement.**

Class B Equipment (Information Communication equipment for residential use)
This product complies with the Electromagnetic Compatibility Directives for residential use and can be used in all areas including common residential areas. (Class B equipment radiates less electromagnetic influences than class A equipment.)

Supported Files

- Movie file formats : MPEG 1,MPEG 4, WMV9
- Resolution : Less than 1024x768
- MPEG4 SP, ASP/L3,L5 (720x480, 2Mbps, 30fps)
- WMV9 SP, MP/medium level (720x480, 2Mbps, 30fps)

- Supported image file format : JPEG, 3200x2400

- The Digital Photo Frame uses these modules:
  It complies to GPL licensing.
  Linux Kernel 2.6.11, AAC, ffmpeg MP3
  For more information, visit the following web sites:
  AMD AU1200 web site (**http://wwwd.amd.com/amd/devkits.nsf**)
  AMD developer web site (**http://developer.amd.com**)

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Digital Photo Frame MP3 JPG MPG USB

SPF-07H

Troubleshooting

| Troubleshooting | Terminology | Service Centers |

Troubleshooting

This selection provides various problems and their remedies you can encounter during using the digital photo frame. If you encounter a problem, first check the list given below and take the suggested action if there is any one that matches. After that, if the problem still persists, contact or visit the nearest service center.

Symptoms	Possible Causes and Suggested Actions
My Digital Photo Frame does not turn on.	◆ Check connection of the power line between the product and the power adapter. ◆ Check whether Samsung logo is displayed in full screen mode when you press the power button.
Auto Screen On/Off does not work.	◆ If Auto On and Auto Off are set to the same time, they do not work. Please check their times.
My Digital Photo Frame turns on but the screen still is off.	◆ Check memory char type. If it is not inserted correctly or is not of supported type, photo may not displayed on the screen. (This product supports CF and SD cards only.) ◆ Check file extensions if card and other connections are correct. (This product supports JPEG image format, MPEG5 and MWV9 movie formats, and MP3 music file format only. See Specifications.)
It takes a time to display an image after my Digital Photo Frame turns on.	◆ Loading a file from an external memory card may take a several seconds. (It depends on file format and size.)
No screen displayed and just sound heard for MPEG4 and WMV9 movies.	◆ Loading a large sized file may take a long time. (It is a matter of specifications.) ◆ If only sound is heard continually, try to press any button at the right side of the product.
Aspect ratio of the screen looks abnormal.	◆ Select one among three values on Setup>Play>Aspect Ratio menu using the buttons at the right side of the product. (**See Setup>Play>Aspect Ratio**)
Screen color is dimmed or too strong.	◆ Adjust brightness on Setup>Screen>Brightness menu using the buttons at the right side of the product. (**See Setup>Screen>Brightness**)
Only Samsung logo is displayed on the entire screen.	◆ Check file extension. If it is not of supported formats, only Samsung logo may be displayed while it is played back. (MPEG4 and WMV9 only are supported for movies.)
I connect an external device (USB memory device or MP3 player), but it	◆ Check the cable connection between the product and the external device. ◆ Check whether the external device works standalone, and check the format of

does now work.	the files stored in it.
Switching to the next photo takes a time.	◆ Try to change the settings on Setup>Replay>Speed & Effect, and Replay Effect menus using the buttons at the right side of the product. ◆ If there is no noticeable error in settings, it may take a different time to switch to the next file depending on file size and format.
Screen displayed but no sound heard for MPEG4 and WMV9 movies.	◆ Change settings on Setup>Replay>Sound menu using the buttons at the right side of the product.
Movie breaks at some points.	◆ Breaking may happen depending on status of movie file. ◆ Breakings could happen during playback depending on the type and size of movie file. ◆ Movie file formats : MPEG 1,MPEG 4, WMV9 ◆ Resolution : Less than 1024 x 768
Whenever I turn my Digital Photo Frame off and on, I find the time goes wrong.	◆ This product has no built-in battery. When the power turns off, the time info also goes off. Therefore, you need to set time again whenever your Digital Photo Frame turns on. However, if you are connected to Server, you don't have to set time again because your Digital Photo Frame gets time info from the Server and sets its time automatically.
Menu is not displayed immediately when I press the menu button.	◆ Displaying the menu and other operations may take a time while the product is loading an image to display on the screen.

Terminology

Terms	Description
MPEG4 (Motion Picture Expert Group4)	◆ MPEG4 is a movie compression technology for video communications which enables implementing bi-directional multimedia. It was developed to make it possible to transmit movies on low speed lines of the Internet or mobile communications. It is used widely in PC, TV and cell phone. A movie file formatted in the MPEG4 format is called MPG or MPEG file.
WMV9 (Window Media Video9)	◆ A video codec in the format of MPEG4 developed by Microsoft
MP3 (MPEG Audio Layer-3)	◆ MP3 is a high quality audio compression technology. It provides 50 times higher compression than CD. Because it provides high quality and low size to its compression ratio, it is commonly used in the Internet and FM radio transmission, etc. An audio file formatted in the MP3 format is called MP3 file.
JPEG (Joint Photographic Coding Expert Group)	◆ JPEG is an image compression technology. It provides the smallest loss of all image compression technologies. It is used widely to transmit multimedia files on the Internet and for other uses. An image file formatted in the JPEG format is called JPEG or JPG file. Usually, a JPEG file is created by taking a picture with a digital camera, by drawing on a computer, or by a graphic art work and then by compressing the graphic image into JPEG format.
CF Card (CompactFlash Card)	◆ CF card provides high capacity than other types of memory card. Because the controller is embedded in the memory, it provides high compatibility. It is widely used in various digital products such as PDA, digital camera, MP player, cell phone, and notebook PC.
SD Card (Secure Digital Card)	◆ SD card is a Flash memory card of size of a postage stamp. It provides high stability and high capacity. It is widely used in various digital products such as PDA, digital camera, MP player, cell phone, and notebook PC. Its appearance is similar to MMC, but the numbers of pins and their thickness are different. It also has password setting functionality for data security.
MMC	◆ MMC is an external Flash memory used for small mobile devices, as in the case of SD card. Because it has smaller footprints that SD/MMC card, it becomes

(Multi Media Card)	widely accepted as the standard for memory card. It is usually used to save movies and photos.
USB Cable 1) A-B TYPE	◆ Use the up stream terminal when connecting to a PC. This product supports USB 2.0. An A-B type cable which is used to connect your Digital Photo Frame to a PC is provided with the product. A type is the USB connector used to connect to a PC. B type is the USB connector used to connect to an external device. You can connect your Digital Photo Frame to a PC using a A-B type USB cable.
USB Cable 2) Cable for Connecting Other Devices	◆ Use this type of cable when using the down stream terminal. This product supports USB 2.0. When connecting an external device to the down stream terminal, use the USB cable provided with the external device.

Service Centers

If you need a product service, contact or visit a Samsung service center.

Services	Contacts
Samsung Electronics web site	**http://www.samsung.com**
Samsung Service web site	**http://www.samsungsvc.co.kr/** You can specify the date and time you want to receive a servicing. We also operate a cyber service center with which you can ask about your problem and get replies in real time.

- If you let us know model number and malfunction status of your product and your contact, we could provide our service more quickly for your problems and questions.
- Telephone number and address are subject to change without notice.

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